

**Table 1-5**  
**Directives, Instructions, and Regulations**  
**Relevant to the FUDS Program**

| Directive/<br>Regulation     | Title  | Contents/Requirement(s)   |
|------------------------------|--|---|
| <b>DoD Directive 1000.3</b>  | Safety and Occupational Health Policy for the Department of Defense                  | Establishes the basis for all DoD safety, fire protection, and occupational health programs   |
| <b>DoD Directive 4140.25</b> | DoD Bulk Petroleum Management Policy   | Provides policy, responsibilities, and procedures for managing bulk petroleum products, storage, and associated facilities and establishing bulk petroleum inventory requirements and limitations |
| <b>DoD Directive 4150.7</b>  | DoD Pest Management Policy   | Governs DoD pest management and control operations  |
| <b>DoD Directive 4165.60</b> | Solid Waste Management Collection, Disposal, Resource Recovery and Recycling Program | Sets DoD policy and procedures for the DoD comprehensive program of solid waste collection, disposal, material recovery, and recycling in consonance with EPA guidelines, NEPA, and RCRA          |
| <b>DoD Directive 4210.15</b> | Hazardous Material Pollution Prevention  | Establishes policy, assigns responsibilities, and prescribes procedures for hazardous material pollution prevention   |
| <b>DoD Directive 4700.4</b>  | Natural Resource Management Program  | Sets DoD policy for management and protection of natural resources  |
| <b>DoD Directive 4710.1</b>  | Archeological and Historical Resources Management Program                            | Establishes DoD policies and procedures for protection and management of archeological and historical resources   |
| <b>DoD Directive 5030.41</b> | Oil and Hazardous Substances Pollution Prevention and Contingency Program            | Reflects provisions of the NCP, implements EPA regulations on Oil Pollution Prevention, and establishes a DoD Oil and Hazardous Substances Pollution Prevention and Contingency Program           |
| <b>DoD Directive 5100.50</b> | Protection and Enhancement of Environmental Quality                                  | Assigns responsibilities and establishes policies and procedures for protection and enhancement of environmental quality in consonance with federal policy and other DoD issuances                |

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|-------------------------------------|--|---|
| <b>DoD Directive 6050.1</b>         | Environmental Effects in the United States of DoD Actions  | Implements Council on Environmental Quality regulations and provides policy and procedures to enable DoD officials to take into account environmental considerations when considering the authorization or approval of major DoD actions in the United States   |
| <b>DoD Directive 6055.9</b>         | DoD Ammunition and Explosive Safety Standards  | Applies to DoD ammunition and explosives facilities whenever U.S.-titled ammunition is in the custody of DoD civilian or military employees   |
| <b>Army Regulation (AR) 200-1</b>   | Environmental Protection and Enhancement   | Prescribes Army policies, responsibilities, and procedures to protect and preserve the quality of the environment.<br><br>(Revised 21 February 1997)  |
| <b>AR 200-2</b>                     | Environmental Protection and Enhancement   | Contains Army procedures for implementing NEPA  |
| <b>DA Pamphlet 40-578</b>           | Health Risk Assessment Guidance for the Installation Restoration Program and Formerly Used Defense Sites | Contents/Requirement(s) - Designates the U.S. Army Environmental Hygiene Agency (USAEHA, now known as the U.S. Army Center for Health Promotion and Preventive Medicine [USACHPPM]) for review and approval of all Health Risk Assessments (HRA) on behalf of the Surgeon General (TSG).  |
| <b>Engineer Manual (EM) 200-1-2</b> | Technical Project Planning   | Provides a flexible framework and tools to identify project objectives and design data collection programs for HTRW properties throughout investigations, design, construction and operations. Data quality objectives are developed for both environmental data and property information data to be obtained. TPP provides a process to keep property activities focused on property closeout. |
| <b>EM 200-1-1</b>                   | Validation of Analytical Chemistry Laboratories  |   |

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| <b>EM 200-1-3</b>                        | Requirements for the Preparation of Sampling and Analysis Plans   | Provides guidance for preparing project-specific Sampling and Analysis Plans (SAP) for the collection of environmental data used to support work on HTRW properties. The manual also includes a variety of standard operating procedures (SOPs) and techniques, documentation requirements, QA/QC practices, and field and laboratory chemical analyses that may be used in the SAP preparation.                             |
| <b>EM 200-1-4</b>                        | Risk Assessment Handbook, Volume I - Human Health Evaluation  | Provides procedures for the scoping, conduct and review of Human Health Risk Assessments (HHRAs) within the USACE HTRW program.  |
| <b>EM 200-1-4</b>                        | Risk Assessment Handbook, Volume II - Environmental Evaluation  | Provides procedures for the scoping, conduct and review of Ecological Risk Assessments (ERAs) within the USACE HTRW program  |
| <b>EM 200-1-6</b>                        | Chemical Quality Assurance for HTRW Projects  | Provides specific guidance, procedures, criteria, and tools for chemical implementation for the HTRW Quality Assurance (QA) Program. Chemical QA is required to ensure analytical data generated for all projects meet the criteria prescribed by the technical project planning team. This manual is a critical companion document to ER 1110-1-263.  |
| <b>EM 385-1-1</b>                        | USACE Safety and Health Requirements Manual   | Prescribes programmatic and operational safety and health requirements for USACE (including contractor) activities. Individuals engaged in DERP-FUDS activities, regardless of whether they are involved in inventory, study, or the removal/remedial phase, should obtain a copy of this manual. Compliance with the applicable requirements of EM 385-1-1 is essential to the safe accomplishment of DERP-FUDS activities. |
| <b>Engineer Regulation (ER) 385-1-92</b> | Safety and Health Requirements for Hazardous, Toxic, and Radioactive Waste (HTRW) and Ordnance and Explosive Waste (OEW) Activities | Identifies the safety and occupational health documents and procedures required to be developed and implemented by USACE elements and their contractors responsible for executing HTRW and OEW activities  |
| <b>ER 5-1-11</b>                         |   |  |
| <b>ER 5-1-10</b>                         |   |  |

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| <b>ER 1110-1-263</b>     | Chemical Data Quality Management for Hazardous Waste Remedial Activities  | Prescribes responsibilities and procedures for planning and executing chemical data acquisition, including sampling and analysis. It is applicable to all phases of all projects, regardless of program or whether the work is done under contract or in-house. Note that this includes OEW projects where environmental samples are collected for chemical analysis. |
| <b>ER 1110-3-1301</b>    | Engineering and Design, Cost Engineering Policy and General Requirements for Hazardous, Toxic and Radioactive Waste (HTRW) Remedial Action Cost Estimates | Provides specific policy and guidance for the development of cost estimates for the HTRW remedial action portion of all environmental restoration projects.   |

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